PTO/SB/05 (11-00)

Approved use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No.		015631007110	a
First In	ventor	MURPHY, ERIN	E., et. al.
Title	MAMMALIAN	GENES; RELATED REAGENTS	

Conty for the	w nonprovisional	applications under s	57 C.F.K. 9	1.55(D)) L	Apress Mail L	aber No.	EE 1000010	12 00			
	APPL	ICATION ELE	MENTS)	ADDRESS TO Assistant Commissioner for Patents Box Patent Application					-	
See MPEP c	hapter 600 conce	erning design patent	application	contents.	Washington, DC 20231						
2.	Fee Transmittal Form (e.g., PTO/SB/17) Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.				 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 						
3. Specification [Total Pages 111]] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or					 a. Computer Readable Form (CRF) b. Specification Sequence Listing on: CD-ROM or CD-R (2 copies); paper number of pages 84-110 Statements verifying identity of above copies 						
	a computer program listing appendix - Background of the Invention				ACCOMPANYING APPLICATIONS PARTS						
-	Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure					Assignment Papers (cover sheet & document(s)) 37 C.F.R.§3.73(b)Statement Power of (when there is an assignee) Attorney					
	Abstract of the Di	sclosure			11.	English Translation Document (if applicable)					
_	rawing(s) (35 U Declaration	•	otal Sheets otal Pages		12. 🗌	Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations				;	
a.		ed (original or cop	-	، ت	13. 🔀	Prelimina	ry Amendm	ent			
b. 🛛	•	rior application (3		i3 (d))	14. 🔀	Return Receipt Postcard (MPEP 503)					
_	(for a continua	tion/divisional wit	h Box 18 d	completed)	15.	(Should be specifically itemized) Certified Copy of Priority Document(s)					
i. 🗀		OF INVENTOR				(if foreign priority is claimed)					
		nt attached deleting for application, see 1.33(b).			16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent						
6. 🛛 App	olication Data S	heet. See 37 CF	R 1.76		17. Other:						
		CATION, check app eet under 37 CFR		ox, and suppl	y the requisit	te informatio	n below and	in a preli	minary amendment,		
_	tinuation [☐ Divisional	☐ Contir	nuation-in-part	(CIP)	(CIP) of prior application No: <u>09/351,777</u> / <u>07/12/99</u>					
Prior app	olication information		er E. O HAR			Group Art Unit: <u>1646</u> If the prior application, from which an oath or declaration is supplied					
under Box 5	b, is considered	a part of the discl	osure of th	e accompany	ing continua	ation or divis	sional applic	ation and	declaration is supplie is hereby incorporate tted application parts.	ed by	
			19. C	ORRESPO	IDENCE A	DRESS					
Custon ■ Custon	ner Number or Ba		Insert Custo	203 omer No. or At		label here)	or 🗆	Correspo	ondence address below	V	
							-				
Name											
Address						· · · · · · · · · · · · · · · · · · ·					
City				State		·-···	Zip Code	\Box	A 44.2		
Country		· ·	Teleph	none		· · · · · · · · · · · · · · · · · · ·	Fax				
Name (Print/Type) Frank J. Mycroft F			Registration No. (Attorney/Agent) 46946								
Signature 1		7. 1	$\frac{1}{2}$	2 M. 14				9 0	pil23,20	01	

Burden Hour Statement: This form is estimated to take 0.2 hours to/complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark

Ø

DNAX RESEARCH INSTITUTE

901 California Avenue Palo Alto, CA 94304-1104 (650) 852-9196

ASSISTANT COMMISSIONER FOR PATENTS Box: Patent Application Washington, D. C. 20231

Honarable Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is the: [X] patent application, [] continuation patent application, [] divisional patent application [] continuation-in-part (CIP) patent application of:

> MAMMALIAN GENES; RELATED REAGENTS

"Express Mail" Label No .: EL 263 586 565 L

Date of Deposit: July 12, 1999

Atty. Docket No.: SF0818K

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box: Pat nt Application, Washington, D. C. 20231.

Lois E. Miller July 12, 1999

Erin E. Murphy, Jeanine D. Mattson, Elizabeth Esther Mary Bates, Daniel M. Gorman and Serge J.E. Lebecque Inventors:

- 1. [X] This application claims priority from each of the following Application Nos./filing dates: United States Provisional Patent Application No. 60/099,999, filed September 11, 1998. United States Provisional Patent Application No. 60/093,897, filed July 23, 1998. United States Provisional Patent Application No. 60/092,658, filed July 13, 1998.
- 2. [] Please amend the specification by replacing the first paragraph with the following:
- 3. Enclosed are:

[X]RETURN RECEIPT POSTCARD

[X]PATENT APPLICATION TRANSMITTAL EL 263 586 565 US: 1 Page (in duplicate)

[X]DECLARATION BY INVENTORS/POWER OF ATTORNEY: 3 Pages: []Signed [X]Unsigned

[X]PATENT APPLICATION TITLE PAGE: 1 Page (unnumbered)

[X] SPECIFICATION: 76 Pages: 1 through 76

[X] CLAIMS (20 claims): 7 Pages: 77 through 83

IXI SEQUENCE LISTING: 27 Page(s): 84 through 110

[] -0- sheet(s) of [] formal [] informal drawing(s)

[X] ABSTRACT: 1 Page: not numbered

[X] Sequence Transmittal (2 pages), diskette and paper print-out (27 pages)

In view of the Unsigned Declaration as filed with this application and pursuant to 37 CFR § 1.53(d), Applicant requests deferral of the filing fee until submission of the Missing Parts of Application.

Please charge DNAX Deposit Account No. 04-1239 as follows:

Any additional fees associated with this paper or during the pendency of this application

<u>-two-</u> copies of this sheet are enclosed.

Respectfully submitted,

DNAX RESEARCH INSTITUTE

Telephone: (650) 852-9196

Reg. No. 34,090

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

EEE TOANG			<u> </u>	
FEE TRANS	MILIAL	Application Number		. d
for FY 2	2001	Filing Date		u.s
		First Named Inventor	MURPHY, ERIN E, et al.	1.78
Patent fees are subject to	annual revision.	Examiner Name		60
		Group Art Unit		Ť
L AMOUNT OF PAYMENT	(\$) 710	Attorney Docket No.	015631007110	

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge				3. AD	DITIONAL	FEES				
The Commissioner is nereby authorized to charge indicated fees and credit any over payments to:				Large Entity		Small Entity				
			Fee	Fee	Fee	Fee	Fee Description	Fee		
Deposit Account 20-1430		Code	(\$)	Code	(\$)	•	Paid			
Number			105 127	130	205	65	Surcharge - late filing fee or oath			
Deposit					50	227	25	Surcharge - late provisional filing fee or cover sheet.		
Account Townsend and Townsend and Crew LLP			139	130	139	130	Non-English specification			
Name				147	2,520	147	2,520	For filing a request for reexamination		
		y Additional Fee CFR 1.16 and 1.1		112	920*	112	920°	Requesting publication of SIR prior to Examiner action		
	Applicant	claims small ent	ty status.	113	1,840°	113	1,840*	Requesting publication of SIR after Examiner action		
2. 🗆		t Enclosed:		115	110	215	55	Extension for reply within first month		
_	Check	☐ Credit card	☐ Money ☐ Other	116	390	216	195	Extension for reply within second month		
			Order	117	890	217	445	Extension for reply within third month		
			ALCULATION	118	1,390	218	695	Extension for reply within fourth month		
	ASIC FIL			128	1,890	228	945	Extension for reply within fifth month		
Large	Entity S	-	• Baradattan	119	310	219	155	Notice of Appeal		
Fee Code		ee Fee Code (\$)	Fee Description Fee Paid	120	310	220	155	Filing a brief in support of an appeal		
101	177	01 355	Utility filing fee 710	121	270	221	135	Request for oral hearing		
106	320 2	06 160	Design filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding		
107		207 245	Plant filing fee	- 1140	110	240	55	Petition to revive – unavoidable		
108		08 355	Reissue filing fee	141	1,240	241	620	Petition to revive - unintentional		
114	150 2	114 75	Provisional filling fee	J 142	1,240	242	620	Utility Issue fee (or reissue)		
		SUBTOTA	L (1) (\$) 710	7 143	440	243	220	Design issue fee		
				144	600	244	300	Plant issue fee .		
2. EXTR	A CLAIN	FEES		122	130	122	130	Petitions to the Commissioner		
			Extra Fee from Fee Claims below Paid	123	50	123	50	Petitions related to provisional applications		
Total Claim Independen		-20** =	0 X = 0	126	180	126	180	Submission of Information Disclosure Stmt		
Claims Multiple Dependent	<u> </u>		x =	581	40	581	40	Recording each patent assignment per property (times number of properties)		
Large	Entity	Small Entit	y	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		
Fee Code	Fee (\$)	Fee Fee Code (\$)	Fee Description	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		
103 102	18 80	203 9 202 40		179	710	279	355	Request for Continued Examination (RCE)		
104	270	204 135			900	169	900	Request for expedited examination of a design application		
109	80	209 40	original patent					acorge, approxima	\vdash	
110	18	210 9	** Poissue claims in excess of 20 at	nd Other	fee (speci	fy)	-			
over original patent					uced by B	asic Fillr	ng Fee P	aid SUBTOTAL (3) (\$) 0		
SUBTOTAL (2) (\$) 0					The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.					
	**or number previously paid, if greater; For Reissues, see above					veposi	ACCOU	nt		
or num	ber previou	isly paid, if greate	r; For Reissues, see above							

Complete (if applicable) SUBMITTED BY Telephone 415/576-0200 46,946 Registration No. Attorney/Agent) Name (Print/Type) FRANK J. MYCROFT Date 23,2001 Signature

WARNING: Information on this form may become public. Credit card information should not be

included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20233 TOS NOT COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. (SF 1214972 v1)



1 1